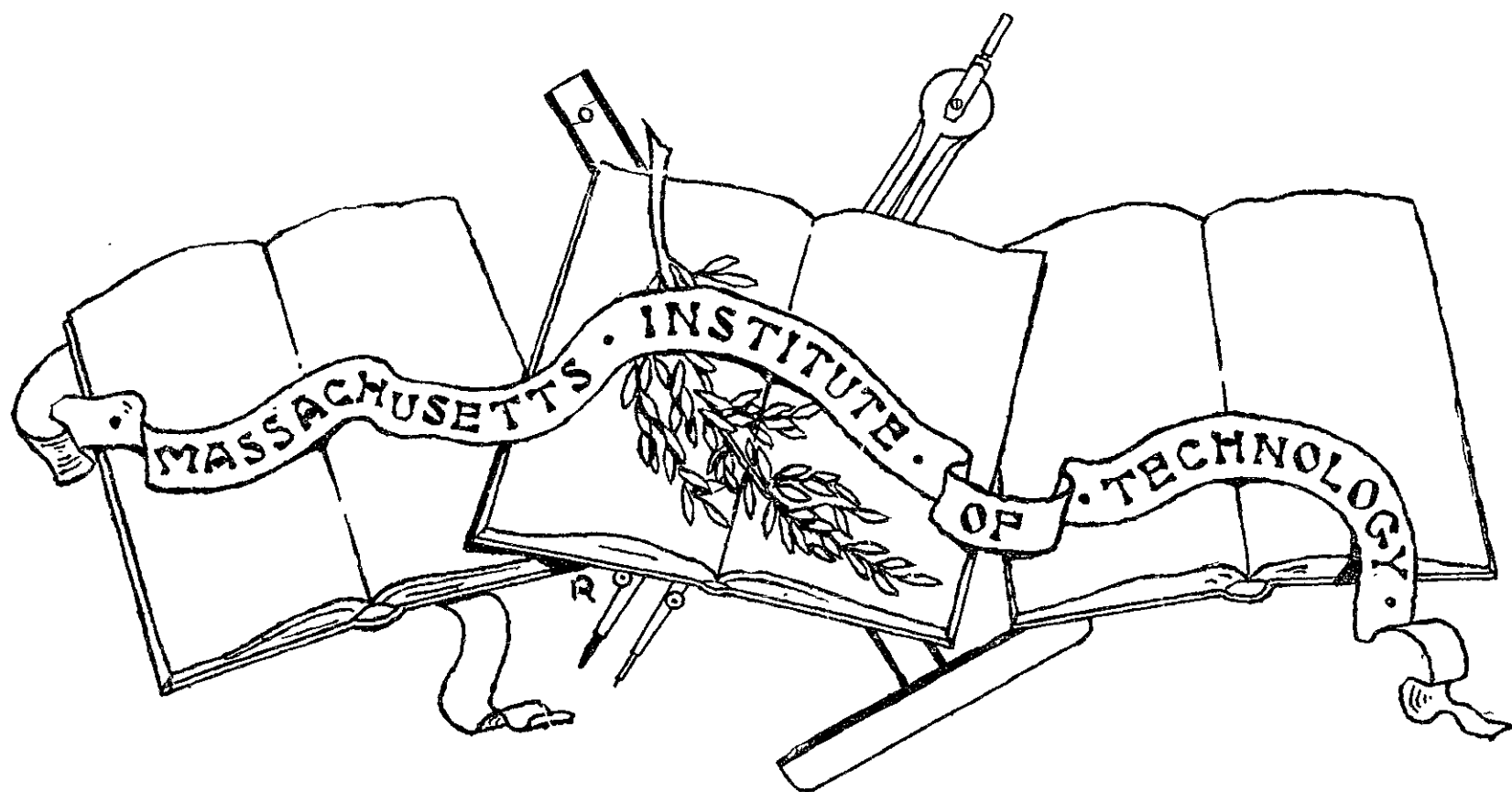
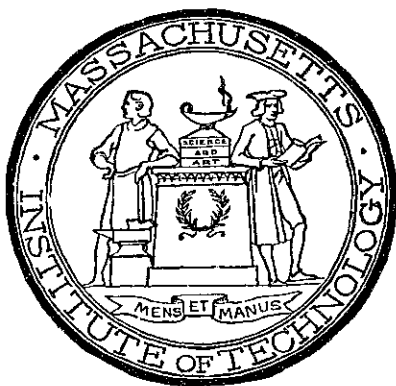




THE TECH



BOSTON, MASS.

VOLUME XVI.

NUMBER 21.

MARCH 25, 1897.



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NO. 21

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For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.

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AN important meeting was held at the Technology Club on the evening of Monday, the fifteenth, in the interest of physical culture and athletics. Those present were Professor Richards, Professor Sedgwick, Professor Dewey, Professor Allen, Professor Burton, Captain Bigelow, Mr. Lincoln, Mr. Stevens, Mr. Boos, Mr. Briggs, '81, Mr. Cobb, '86, Mr. Bakenhus, '96, Mr. Hurd, '96, Mr. Dorrance, '96, Mr. Rockwell, '96, Mr. Cummings, '96, Mr. Allen, '97, Mr. Washburn, '97, Mr. Pugh, '97, Mr. Grosvenor, '98, Mr. Ulmer, '98, Mr. Jones, '98, and Mr. Winslow, '98. Mr. Allen called the meeting to order, and introduced Professor Richards as presiding officer.

A long discussion was held, in which compulsory or elective gymnastic training was strongly recommended by all. A free physical and medical examination of each student, with a prescription of training to overcome his weak points, such as is made at Harvard,

was also spoken of with favor. Mr. Boos made a strong appeal for the system by which no student is allowed to enter any contest without a certificate from the physical Director that he is strong enough for the work. The matter of an Advisory Board for competitive athletics was brought up, though not strictly germane to the subject in hand, and several speakers favored such a Board if composed of alumni and not of members of the Faculty. The condition of the Gymnasium was also touched upon, but Professor Sedgwick deprecated any financial calls upon the Institute at this time. The renting of lockers by the Institute and the celebrated gas bill were considered unfavorably. Finally, Professor Dewey made the following motion: "*Resolved*,—That a committee of five be appointed to consider the needs of the Institute in regard to physical training; of which two shall be selected from the undergraduate body by the Institute Committee, two from the alumni by the Executive Committee of the Alumni Association, and that the Corporation be invited to appoint a fifth member from their body to act upon said committee. *Resolved*,—That this committee be authorized, if after inquiry it appears best, to frame a permanent plan of organization and procedure which shall be submitted to such body or bodies as shall appear to them best." After some discussion as to the propriety of making the committee up entirely of alumni, the motion unanimously passed in its original form.

THE *Engineering and Mining Journal* of March 6th contains an article by Professor Hofman of the Institute, answering a criticism of the methods in use in the Mining Engineering course. Professor Ledebur, of the Mining

Academy at Freiberg, in commenting upon the circular of our Mining Department, says that he is opposed to the use of a mining and metallurgical laboratory for the purpose of instruction, calling it little more than play. He argues that it is far better to supplant this by advanced lecture subjects.

In answering him, Professor Hofman is of the opinion that far more independence may be developed in a man by allowing him the use of a laboratory to a very considerable extent.

In conclusion, he states that whereas fifteen years ago American students went in large numbers to Freiberg, the number has now greatly diminished on account of the men who get their training at the Institute.

THE Athletic Association is making a strong appeal for subscriptions to pay off its debt, and to send a team to Philadelphia. The debt amounts to \$165, and the expenses of the Philadelphia trip would come to \$125 more. The relay team will not, of course, be entered in these races unless the money is forthcoming first, and unless the debt of the Association has also been paid off. A very small individual subscription, if general, ought easily to meet this demand, and win another banner for the trophy room.

Typical Theses.

COURSE IV.

[The Design of an Arc de Triomphe and a River Tunnel, by H. P. Beers.]

It would seem at first that the selection of such a thesis departing from the usual and expected list of municipal buildings as town halls, small banks, athletic clubs, churches, etc., would fall rather within the jurisdiction of the engineer than of the architect; but the limitations of architecture have never been defined, and to-day it embraces within its scope the problems of an engineer, such as the construction of vast boulevard and

park systems, as well as the mere planning and designing of an edifice.

Those who visited Chicago during the World's Fair will remember the long frontage which that city has upon Lake Michigan, and will also recall the complete sovereignty of the railroad which skirts the shore and separates the city from the lake, not only keeping the people from a free and uninterrupted access to the lake, but also preventing the improving and beautifying of one of the most extensive water frontages in the world.

It seems now, however, that some day the whole extent of the lake frontage from the World's Fair, on the south, to the extreme northern limit, may be converted into an extensive park system, giving to Chicago the most beautiful water frontage of any city in the world. It is largely due to the foresight and energy of Mr. Daniel H. Burnham, architect in chief of the World's Fair, that this may become a reality, and that the agitation for its creation has at least been commenced. He has had careful measurements and surveys made of the entire shore line, and has spent a very great amount of gratuitous labor in the development of this scheme. The boulevard will commence at the World's Fair, follow the Shore Line, and unite with the existing North Shore Line, the two systems being united by a tunnel passing under the Chicago River. The more strictly city portion will afford an opportunity for a more elaborate scheme, with the erection of a building for the Field Museum, parade grounds, commemorative statues and an arc de triomphe.

The tunnel which connects these two systems passing under the Chicago River must be of such an imposing design and construction as not to detract from the boulevards which it connects. On the south side the tunnel will be reached by an inclined approach which will be open at the top, surrounded by a marble balustrade and adorned with an arc de triomphe spanning the approach at a distance midway of its length. This ap-

proach will be about fifty-five feet wide and eight hundred and fifty feet long, with drive and footways, and a series of statues placed at intervals along the center of the driveway, and extending throughout the length of the tunnel and approaches. Upon the sides of the tunnel will be placed tablets of commemorative design, and in the niches busts of the men who first opened the great Northwest to civilization.

The arc de triomphe which spans this approach must be such as will add beauty and dignity to its environments. The span will be fifty-five feet, and it will rise to about one hundred and fifty feet from the ground to its crowning mouldings. Doric columns upon either side of the arch will support the entablature and pediment. The whole will be as carefully detailed as possible, for much of the success of such a problem will depend upon the detail. Extending on either side of the arch will be small colonnades connecting small pavilions, which will cover the stairways that lead through the side of the arch down to the approach. Visible from all directions, from the lake as well as the land, the arc de triomphe offers an exceptional opportunity for a picturesque and majestic effect, and will serve as the crowning unit of the whole of this gigantic scheme.

The time afforded for the thesis work will not permit of more than a study of the arc de triomphe, the tunnel, and its approaches; but the studies of the plans and drawings for the whole system has been necessary for a correct solution of this part of the problem. I wish to acknowledge the kindness of Mr. Burnham for the data and information he has furnished, which has made it possible to adopt this subject.

H. P. B.

HIS QUEST.

He went away to college,
A sheepskin was his quest,
But the chase for it was bootless,
As a pigskin pleased him best.—*Ex.*

General Walker's Military Career.

AT a meeting of the Massachusetts Commandery of the Loyal Legion of the United States, held February 3d, the following tribute to the memory of our late President, by Colonel Livermore, was read and adopted:—

“Companion Francis Amasa Walker died Jan. 4, 1897, at the age of fifty-six. At the outbreak of the war, a student of law in the office of Charles Devens, Jr., in Worcester, he followed the latter into the service, and enlisted under him as a private in the Fifteenth Massachusetts Volunteers. He was appointed sergeant major of the regiment in August, and his brilliant character and liberal attainments brought him promotions to captain and assistant adjutant general of Volunteers, in September, 1861. Taking the field with General Couch, commanding the First Division, Fourth Corps (afterwards Third Division, Sixth Corps), he made the Peninsular and Antietam campaigns on the staff of that general, and was promoted to major and assistant adjutant general, Aug. 11, 1862. When General Couch, in October, 1862, was assigned to command the Second Army Corps, Major Walker passed to that corps, and was identified with it from that time until he resigned from the army in January, 1865. He was regularly assigned to be assistant adjutant general of the corps, with the rank of lieutenant colonel, Jan. 1, 1863. The adjutant is the corps commander's ear and voice. It is he who collects, collates, and compares the statistics of numbers from day to day, and detects the increase or diminution of the fighting strength of the corps; intercepts and digests the countless communications which ascend from twenty thousand men to their commander; conducts all correspondence, and frames all orders. Even in the saddle, under the enemy's fire, he must, with nerves under control, and patience unruffled, catch the spirit of commands from a general, sometimes, perhaps, inflamed with the ardor of combat, or op-

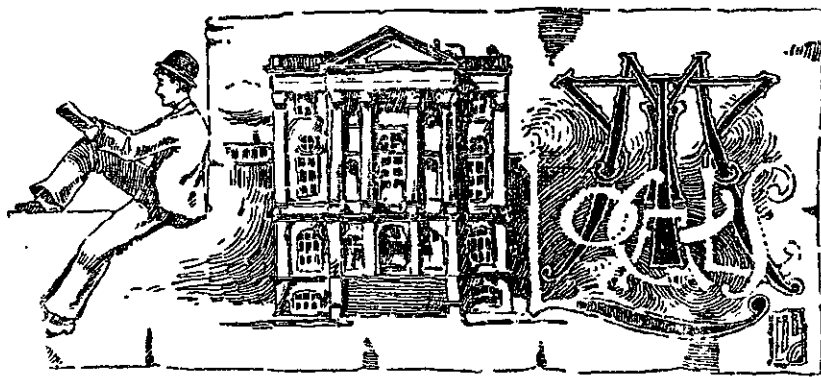
pressed with the weight of disaster, and translate them in clear, courteous, orderly phrase on the instant for transmission to subordinate commanders; and, withal, he must, in time of need, ride the field and penetrate the battle like the youngest aid-de-camp. All these things the volunteer of twenty-two did as if he had been trained to the duties all his life.

“To serve as he did, in this intimate relation with Generals Couch, Warren, and Hancock, soldiers schooled in the severe traditions of the regular army, who maintained the loftiest view of the dignity and methods of their profession, was not an easy duty, but Colonel Walker not only did this through all the arduous campaigns of '62, '63, and '64, excepting a few months when he was detained from the field by wounds or in the enemy's prisons, but he also won high and repeated commendation from these commanders, both for his work in the bureau and for his valor on the field of battle. He had entered the war with a New England character and training which led him to devote himself to his duty with the utmost conscientiousness, whether at the desk or in the saddle, and he gave to it a scrupulous attention to detail, an observance to formalities, and an unremitting labor which excluded relaxation. Of kind heart, with winning smile and unfailing politeness, he displayed the best qualities of Roundhead and Cavalier together.

“The intellectual powers which afterwards made him famous in another career, guided by the motives indicated in the conduct which has been outlined, overcame all the want of military education and all the disadvantages of youth, and he began to win high commendation with his first campaign. His name received honorable mention in the reports of many battles, while at Chancellorsville he was wounded, and at Fair Oaks General Couch reported that he ‘made a daring personal reconnoissance and had his horse shot under him.’

“General Warren took command of the Second Army Corps at this time. Praise was not easily won from this commander, but in his report of the campaign he singled out Colonel Walker to say of him, ‘thoroughly acquainted with his office duties, so important to the operations of an army corps, he is equally willing and gallant on the field.’

“Colonel Walker was General Hancock's aide through the unfortunate action at Ream's Station, Aug. 25, 1864, in his heroic efforts to retrieve the disaster which had fallen on the corps whose colors had never before suffered shame, and received honorable mention for his conduct in General Hancock's report. He there suffered the crowning misfortune of capture. General Hancock in his report said that Colonel Walker ‘was sent to the front with an order just before the troops were withdrawn, and, owing to the darkness, rode into the enemy's lines and was captured.’ To submit to the hard fate which had befallen him was intolerable to him, and with the unfaltering resolution which characterized his whole military career, he seized the chance to escape on the march to Richmond, and painfully made his way by night to the Appomattox River, guiding his steps by the stars. Exhausted as he was, he plunged into the stream and swam until he had made the last stroke for which he had strength; only to be again taken by the enemy as he reached the shore. The hardships of captivity accomplished what campaign and battle had failed to do, and the gallant soldier and zealous patriot was compelled by disability incurred in prison, to relinquish his commission after his long career of activity, usefulness, and honor. In recognition of his distinguished services and good conduct in the campaign of 1864 he was made colonel by brevet, to date from Aug. 1, 1864, and for gallant conduct at Chancellorsville, and meritorious services during the war, he was made brigadier general by brevet, to date from March 13, 1865.



Professor (giving rule for finding shadows) :
 "It doesn't matter which point you take ; you
 can't help getting it wrong."

At the meeting of L'Avenir last week Mr.
 North described the amusements and studies
 of the boys in a private school in Paris.

The Technical Machinery Division, Course
 X., are reading "Die Maschinellen Hilfsmittel
 der Chemischen Technik" by Parnicke, and
 "Machines Frigorifiques" by De Marchena.

Room, 26, Rogers, was filled last Thursday
 afternoon for an address by Mr. S. L. Loomis
 of the Union Congregational Church. His
 theme was the necessity of making the most
 of one's faculties and powers.

The Hare and Hounds took a fifty-minute
 run from the Reservoir, on Saturday, March
 13th. H. L. Morse, '99, and G. C. Winslow,
 Jr., were the hares. The run on Saturday,
 March 20th, was at Riverside.

An exhibition of paintings by C. H. Wood-
 bury, '86, and Marcia Oakes Woodbury is
 going on at the Technology Clubhouse. Mr.
 Woodbury is considered by many to be one
 of the rising artists of the day.

Dr. Dewey has been appointed, with Pro-
 fessor Giddings, of Columbia, and Judge
 Aldrich, of the U. S. Circuit Court, to judge
 the Harvard-Yale debate, to be held on the
 26th of this month in Sanders Theatre.

The men from Harvard who entered the
 course in Architecture last fall, and who have
 been working with the Sophomores, will com-
 pete in the Junior problem of this term and
 will have desks in the Junior drawing room.

The problem just given out to the Junior
 Architects is that of a school or museum of
 fine arts, to be expressed in the Corinthian
 order. The problem is a very ambitious one,
 and for this reason is a distinct compliment to
 the Course IV. Juniors.

The rumor to the effect that the notes
 on Captain Bigelow's Lectures on Military
 Science would be no longer published is with-
 out foundation. With the aid of the stereop-
 ticon the Captain is making the course
 unusually interesting this year.

On Saturday, March 13th, the annual con-
 cert of the musical clubs was given at Welles-
 ley. A small reception was tendered the
 clubs before the concert, the young ladies re-
 ceiving their friends at Wood Cottage, where
 a most pleasant hour was passed.

The collection of fossil plants recently pur-
 chased by the Geological department, is one
 of unusual excellence. It comprises leaves of
 sassafras, fig, beech, maple, viburnum, pop-
 lar, and other modern trees, all of them fossil-
 ized and dating back to the Cretaceous period.
 They were collected in Kansas.

At the meeting of the '99 "Technique"
 Electoral Board, on Wednesday, March 17th,
 Clarence Renshaw and Gerald M. Richmond
 were elected associate editors. At the meet-
 ing last Monday, Mr. A. L. Hamilton was
 elected business manager, and Mr. E. R.
 Sheak assistant business manager.

We are informed that the fact that no names
 have been posted on the 1900 bulletin board
 in accordance with the recent motion with
 regard to those not paying their class assess-
 ment, is due not because all have paid, but
 because a sufficient sum has been collected to
 meet the most pressing of the obligations.

At a meeting of the Junior Class last Friday
 a challenge to a baseball game from '99 was
 discussed, and it was decided not to accept it.
 The reasons urged by the various speakers
 were financial. Mr. A. W. Grosvenor re-

signed his position as director of the Co-operative Society and Mr. Robert Allyn was elected to the vacancy.

The official test of the self-propelling fire engine recently purchased for the Boston Fire Department occurred at the corner of Clarendon and Beacon Streets on Tuesday, March 23d, at 2 P. M. This test was interesting, in connection with the differences of opinions that exist concerning the feasibility of motor fire engines in city work.

The musical clubs of the Institute gave a concert at Mt. Holyoke Seminary, South Hadley, Mass., on the ninth of this month. This is the longest trip that the clubs have taken during the current season, and many of the members took advantage of the few miles between South Hadley and Northampton to pay their respects to Smith College.

The clubs, through Manager Lamb, were asked to give a concert in behalf of the "University Extension" on Shawmut Avenue. The concert was given Wednesday night, March 17th, and the members deserve much praise for the way in which they came forward to aid in this most worthy cause. For an hour and a half little street Arabs from five to ten years old were given a new line of amusement.

The orchestra, which started a few weeks ago so successfully in the Freshmen Class, has changed its name, at the request of many upper classmen, to the M. I. T. Orchestra. The first rehearsal of the orchestra, as the M. I. T. Orchestra, was held last Friday. At a business meeting, held before the rehearsal, Mr. C. B. Gillson, '99, was elected Secretary, and it was decided to hold all future regular rehearsals on Thursdays.

Thirty-three men entered the competitive drill on the Manual and Firing which was held March 17th, in order to select the men who are to represent Technology in the Inter-collegiate Drill. As a whole the work was very creditable, but the proper manipulation of cartridge boxes puzzled many. Captain

Bigelow and Adjutant Thayer acted as judges. Major Foye, Captain Leeds, and Sergeant Weeden were chosen, and another drill was held yesterday to select four others to complete the squad required. In reply to a letter from the Inspector General of the United States Army, Captain Bigelow announces that the Battalion will be prepared for the government inspection throughout the latter half of May.

On Friday, March 12th, the Industrial Chemistry division to the number of twenty-five, under the guidance of Instructors Thorp and Smith, inspected the Curtis Davis Soap Manufactory, at Cambridgeport, where the well-known "Welcome Soap" is made. Superintendent Loveland conducted the party through the works. The complete process, beginning with the raw materials, was witnessed, together with the manufacture from bye-products, of dynamite, glycerine, and Glaubers salts. Especial interest was shown in the automatic furnace feeders and the model experimental laboratories. The visit was made memorable by the gift of a cake of soap to every member of the party from Mr. Loveland.

COMMUNICATIONS.

The Editors do not hold themselves responsible for opinions expressed by correspondents.

TO THE EDITORS OF THE TECH:—

My attention was called to a "protest" in your issue of March 11, from an unknown person, against my remarks at the Junior Dinner. Were it not for the fact that this unknown writer has falsely accused me of condemning the higher education of women, his communication would have needed no reply.

Let me quote from my speech just what all the other '98 men heard me say. "Now, do not understand me, gentlemen, as discountenancing the higher education of woman. . . . Woman has immense fields of culture yet untilled. There are, for example, all the arts, where woman can paint, chisel, write, to her heart's content, but science, I say, is not her forte."

Does this sound like condemning the higher education of women? If this unknown writer of the "protest" is not inclined to take my word for the accuracy of the above quotation, let him ask any class fellow; then, if still suspicious, perhaps I can show him my manuscript for his private perusal, and then, I am sure, he will see his mistake. And I hope, that when he does discover that he is really mistaken, he will have the kindness to show us the refining influence woman's presence at the Institute has had on him, by coming out and fearlessly acknowledging his error. I might even suggest his doing so in order to do me justice, but perhaps treating people justly is not in his line.

In conclusion, I beg to state my opinion, that when a gentleman is asked to speak at a dinner, on a subject which offers opposing sides, he ought to have the privilege of stating his own views, without suffering abuse and from false accusations at the hands of anyone who happens to hold a contrary view.

L. A., '98.

Boston Society of Civil Engineers.

ON Wednesday evening, March 17, the Boston Society of Civil Engineers held its annual meeting in Chipman Hall, Tremont Temple.

Founded in 1848, this is the oldest engineering society in the United States, and its four hundred and thirty-six members constitute the largest of the so-called *local* civil engineering societies. The term *local* does not include the American Society of Civil Engineers. Of the above membership, eighty-six are graduates of the Institute, besides a large number of members who were former students but have not graduated.

Mr. Dexter Brackett, engineer of the distribution department of the Metropolitan Water Board, was elected president. Professor Swain, who has held this position during the past year, declined renomination.

Col. James Francis presented to the Society a very excellent picture of his father, James B. Francis, America's most noted hydraulic engineer, who was president for the year 1874, and for many years previous to his death was an active member.

In a short address Professor Swain spoke of the great necessity of introducing into the education of engineers broadening influences, which counteract the narrowing effect of a rigid technical training. Such general studies as history, economics, etc., are essentials of a curriculum such as that given here at the Institute, where only a small portion of the student body have had the advantages of a previous college course.

Electrical Engineering Society.

LAST Friday evening the many interesting lectures which have been given before the Electrical Engineering Society during the present year, received a climax in that of Professor Puffer on "Alternating Current Phenomena." Professor Puffer's aim was to show experimentally a number of phenomena, with the mathematical demonstrations of which the Senior members were familiar. Room 22 in which the lecture was given was filled with apparatus, and during the evening currents of almost every voltage which the dynamos of the Institute can produce were used. A particularly interesting series of experiments were the views of the alternating current arc, which Professor Puffer showed by means of a stroboscope driven first by a direct current motor, and then by a synchronous motor. The experiments showed clearly the difference in the effects of inductive and non-inductive resistances, and the lag in the current caused by the former.

President Dougherty announced that the visit to the General Electric Company's works at Lynn, which was postponed from the date formerly announced, would take place Monday, March 29th. He also stated that the next meeting of the Society would be "thesis night," and the theses of the various Senior members would be discussed. At the close of the meeting a hearty vote of thanks was given to Professor Puffer by the members of the Society.

The Open Meet.

THE eighteenth annual scratch games of the Athletic Association were held last Saturday in the Gymnasium. A goodly number of the undergraduates attended, and though the events were run off with some slowness, the meet was a success.

Grosvenor's leg was troubling him on account of a strained ligament, and he had a close call in the 35-yard dash. His pluck carried him through, however, and he was awarded first place, although many of the spectators thought that Bigelow won. Putnam gave Morse, Harvard's phenomenal jumper, a hard rub, but Morse finally won by clearing the bar at 5 feet 11 $\frac{1}{4}$ inches in his third trial. An encouraging feature of the meet was the showing made by comparatively new men in the novice dash. Dryer won his trial and took third place in the finals; Richmond and Reed won trial heats; and Nolte, Pugh, and Strickland were second in their respective trials.

35-YARD DASH, OPEN.

Final heat—Won by A. W. Grosvenor, M. I. T.; F. H. Bigelow, H. A. A., second; John Quinn, B. C. A. A., third. Time, 4 $\frac{2}{5}$ s.

35-YARD DASH—NOVICE.

Final heat—Won by E. H. Smith, H. A. A.; J. De K. Towner, H. A. A., second; J. C. Dryer, M. I. T., third. Time, 4 $\frac{2}{5}$ s.

40-YARD HIGH HURDLES—THREE FLIGHTS.

Final heat—Won by E. H. Clark, B. A. A.; J. N. Hallowell, Hop., second; C. B. Stebbins, M. I. T., third. Time, 5 $\frac{2}{5}$ s.

POTATO RACE.

Final heat—Won by C. B. Stebbins, M. I. T.; H. Preo, E. B. A. A., second; C. J. Sweeney, C. G. A., third. Time, 35s.

PUTTING SIXTEEN-POUND SHOT.

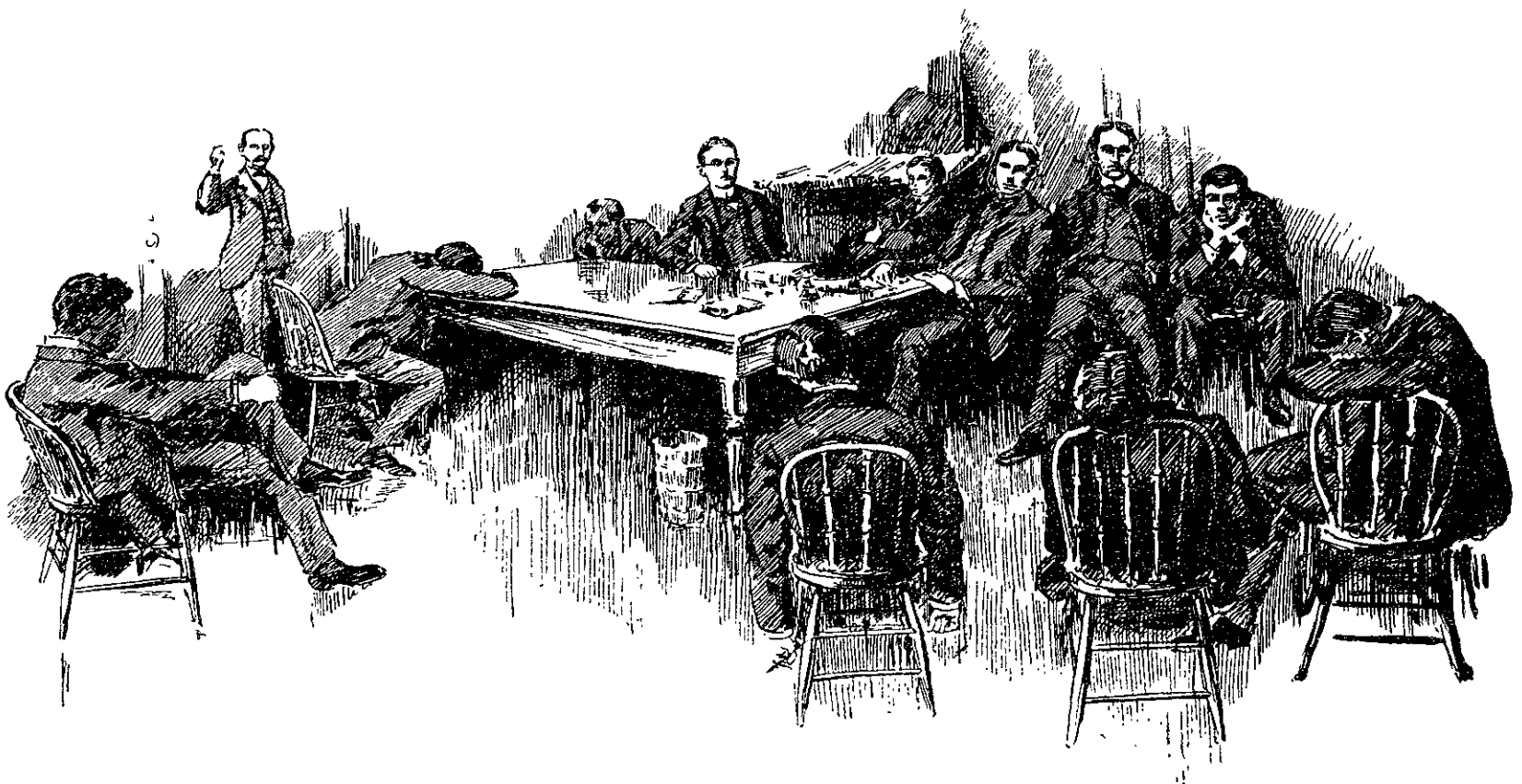
Won by E. H. Clark, B. A. A., distance 37 ft. 6 in.; W. W. Coe, N. and G., second, distance, 36 ft. 11 in.; N. J. Young, E. B. A. A., third, 36 ft. 9 in.

RUNNING HIGH JUMP.

Won by W. C. Morse, H. A. A., height 5 ft. 11 $\frac{1}{4}$ in.; W. E. Putnam, M. I. T., second, height 5 ft. 10 $\frac{1}{2}$ in.; C. M. Rotch, Hop., third, height 5 ft. 8 $\frac{1}{8}$ in.

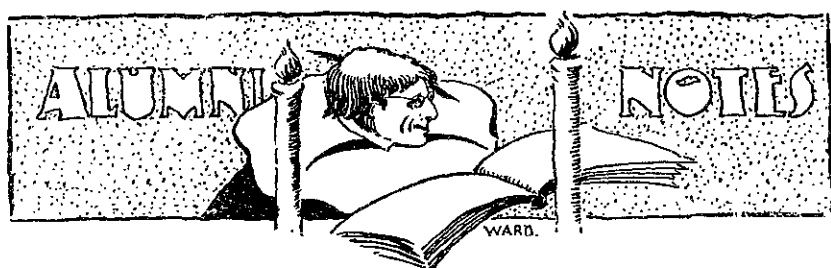
POLE VAULT.

Won by H. E. Scott, W. P. I., height 10 ft. 3 $\frac{1}{8}$ in.; A. B. Emmons, H. A. A., second, height 9 ft. 11 $\frac{1}{8}$ in.; R. H. Morrison, H. A. A., height 9 ft. 5 in.



INSTITUTE COMMITTEE MEETING.

Mr. Hutchinson proposing the name of the Bursar for life membership.



'83. Robert Wallace Hardon, M.D., who was for some time a student in Course III. of the Institute, and who later pursued his studies in the line of medicine, has made an enviable name for himself in his profession, and ranks as one of Chicago's successful practitioners.

'85. Harry P. Barr is now sole agent for the United States Halsey Engines of New York.

'86. Alex. Rice McKim, Course I., Architectural Engineer, has just finished the design for the three hinge arch girders of the Recreation Pier to be built by the City of New York.

'90. An informal gathering of some of the members of the Class of '90 was held at the studio of M. H. P. Spaulding in the Ludlow, Trinity Terrace, Friday evening, the 12th inst. A general good time was had discussing the whereabouts of the absent members, who are scattered from San Francisco to Berlin.

'93. On Saturday, April 3d, at 6.30 P. M., the Class of '93 will hold their Annual Meeting and Dinner at the Parker House. Business of the utmost importance to the welfare of the class is to be presented. Prof. Fred Parker Emery, the honorary member of the class, will be present as guest. The class Catalogue, upon which the committee has spent so much time and work, is to be ready for distribution.

'95. L. K. Yoder, Course II., who is at present in the employment of the Maryland Steel Company, Sparrows Point, Md., has in charge the erection of a three-span truss bridge at New Bedford, Mass.



The members of the Freshman Track Team have elected R. P. Priest permanent captain.

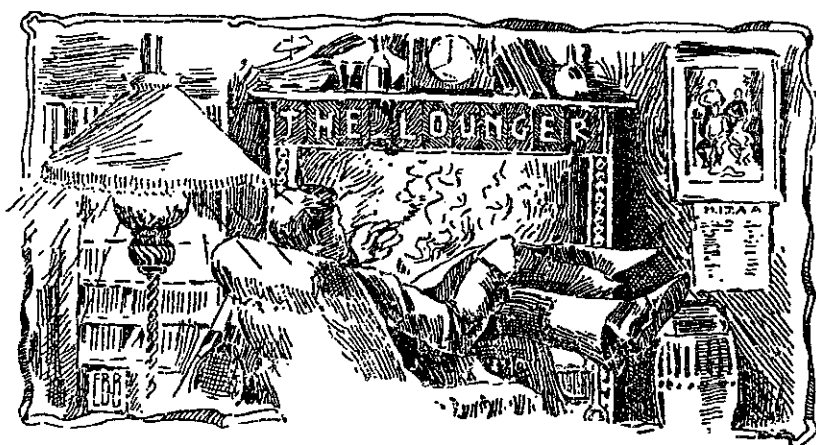
The Harvard Athletic Association is holding a series of shot putting contests, intended to bring out men in this event in which Harvard is always weak.

Mr. C. B. Cotting, 1900, President of the National Interscholastic Athletic Association, has called a meeting of the Association for the twenty-seventh of the month at the Knickerbocker Athletic Club, New York.

Technology's chances for winning the Intercollegiate championship are strengthened by the fact that most of the other colleges have weaker ones. There is hardly a college in the Association which has not lost one or more of its best men through graduation or accident.

Hereafter the regulation Track Team shirt will have a red stripe across it from the shoulder to the waist. On the stripe M. I. T. appears in silver letters. This makes a very effective appearance, and is a great improvement upon the old T. which has been formerly of all shapes and sizes.

It is interesting to note the baseball spirit which seems to have developed among the various Courses. The following teams have been organized: Course X., '99, C. A. Moore, Captain; Course XIII., '99, Stark Newell, Captain; Course III., '98, W. D. Blackmer, Captain. The following games have been arranged: Course III., '98, *vs.* Course X., '99; Course III., '98, *vs.* Course V., '99; Course X., '99, *vs.* Course XIII., '99; Course X., '99, *vs.* Course VI., '99. Courses V. and VI., '99, are organizing teams.



THE Lounger was as usual pleased to encourage the Athletic Association to the extent of twenty-five cents last Saturday night. There was a deliberation and a judicial indecision about the management of the events, worthy of the Institute Committee in its finest moments. It did seem also a trifle primitive to make competitors and judges set up the hurdles. Doubtless, however, some of the officials were glad of the opportunity, for many of them seemed to find the task of standing about and looking intelligent and useful, a rather difficult one. Especially when the antiquated fire-arm, used by the starter, somehow got a frog in its throat, their manifestations of interest and potential activity were almost superhuman. The games, as a whole, proved interesting, and the Lounger is pleased to note a general awakening of enthusiasm for athletics throughout the Institute.

"On to Worcester" is the thought in every mind, and the sportive gentry have already drawn up labored schedules, which prove conclusively that M. I. T. is the only pebble on the only shingle on the roof.

Another subject which occupies considerable popular attention is the forthcoming volume of the Junior Class. The Lounger has heard a great many inside facts about this book from various Sophomores who know all its details very much better than the Editors themselves. These last named gentlemen are reticent about the surprises and beauties of "Technique," but the acute observer may note that their faces have lost the worn and anxious look of a month ago, and begin to be marked by a serene self-confidence and satisfaction. Occasionally they nod their heads in warning and say, "Just wait!" And now and then they allude mysteriously to the transplanting of the Hawthorn in '94, and hint that a general migration of the Faculty and Officers of Instruction will occur in about a month.

We are all apt to be punished for our vanities, whatever they may be, and the Lounger is not exempt from the common rule. He has taken, perhaps, an unholy pride in his superior age and knowledge of the world of Technology, and is now reaping the fruits of his excess of dignity. One of his gentler friends arranged a theatre party recently and left him out, whereupon he remonstrated and she said, "Oh, well, it's only a young party, we didn't suppose you'd care for it, you're so much more—well, dignified, you know." Now the Lounger, even though he has been at the Institute for some years is still on the nigh side of sixty; wherefore this remark cut him deeply. He has therefore resolved to discard his stove-pipe and purchase one of the soft felt articles affected by Sophomores; to keep a sharp lookout every morning for gray hairs and remove any such with a pair of forceps; and to model his writing and his conversation more on that of the young and enthusiastic.

The Lounger was impelled by the balmy weather the other day, to pen a short ode to the deity of the Springtime. Unfortunately, by the time it was finished a change had come over the meteorological conditions, and as the Lounger was on his way to a prominent publishing house, he slipped on the ice and lost the precious manuscript in a snow drift. There is a certain instability about nature which makes it hard for the poet to keep up with the times.

The Lounger was studying nature under the protecting shade of the "Elm," last week, when a knot of youths entered, whose faces were just sufficiently familiar to make him think they must be Freshmen. They sat down with some flourish, and gave an order which gave rise not to agile service, but a whispered consultation among the waiters, and an apparent refusal. One of the chagrined youths, after some hesitation, recognized the Lounger's face as a familiar one, and crossed over to him. "You're a Tech. man, aren't you?" he said. "Well, we are Tech. men, too, 1900, and will you order us some beer, for the man says he won't sell it, because we are too young." So the Lounger ordered half a dozen bottles and the Freshmen began to regain their shattered dignity. Unfortunately, however, when the desired stimulant arrived, and the Lounger carried the six bottles to his young charges, almost everyone in the room happened to be looking; and a roar broke out that changed their natural green to vivid pink.

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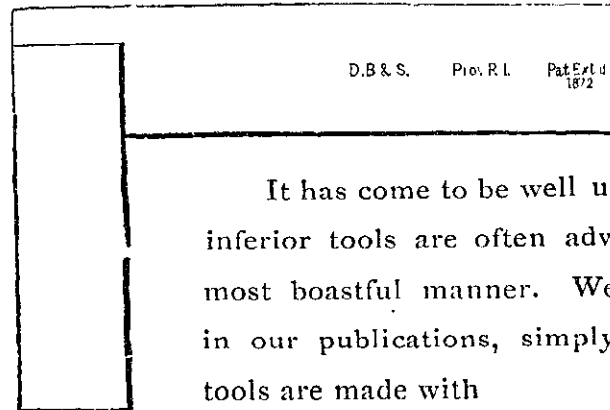
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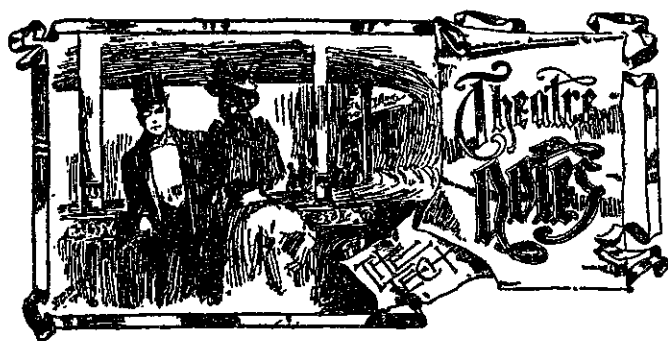
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Hollis Street Theatre. — Mr. Nat Goodwin is attracting the usual crowded houses at the Hollis Theatre. His new comedy, "An American

Citizen," gives him great opportunities, which he has utilized to the best possible advantage. Mr. Goodwin's admirable company is headed by the talented Maxine Elliot.

Tremont Theatre. — "The Two Little Vagrants" is scoring another success in Boston at the Tremont Theatre. It is a play which appeals to all classes by its pathos and tender humanity, and crowded houses are a nightly evidence of great popularity of this charming melodrama.

Castle Square Theatre. — The production of Balfe's "Satanella" will be a novelty to the present generation. The characteristics of Balfe's music in "Satanella" are similar to those in the "Bohemian Girl." The music is calculated to please the general public, and will be a notable event in the current season at Castle Square.

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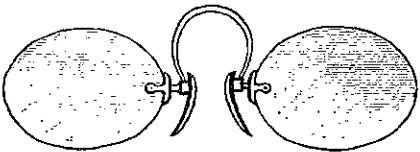
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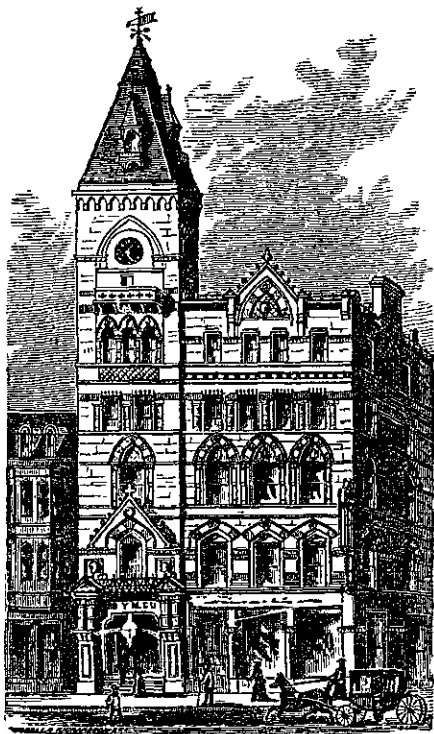
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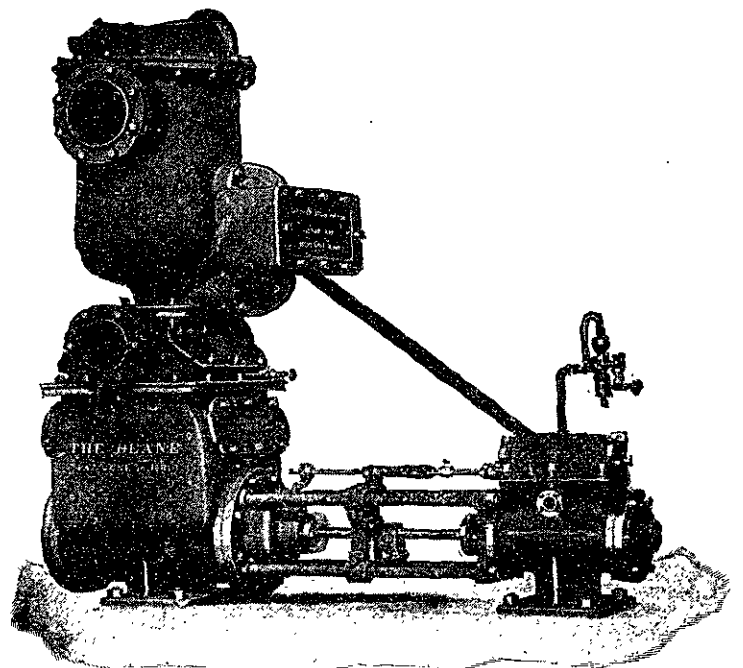
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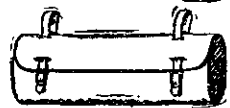
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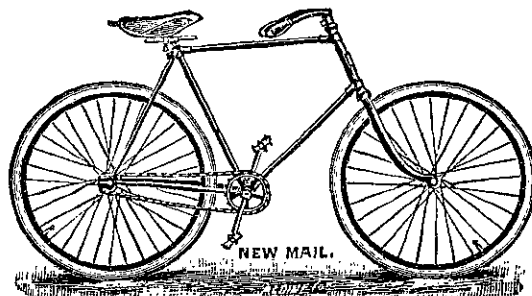
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